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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/895,046	06/29/2001	Peter O. Vale	60001.51USU1	9307
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MERCHANT & GOULD (MICROSOFT)			EXAMINER	
P.O. BOX 2903			LESNIEWSKI, VICTOR D	
MINNEAPOLIS, MN 55402-0903			ART UNIT	PAPER NUMBER
			2152	
DATE MAILED: 02/14/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/895,046	Applicant(s) VALE, PETER O.	
	Examiner Victor Lesniewski	Art Unit 2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 December 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15, 18-20, 22 and 23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15, 18-20, 22 and 23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendment filed 12/12/2005 has been placed of record in the file.
2. Claims 1, 5-8, 11, 15, and 19 have been amended.
3. Claims 22 and 23 have been added.
4. Claims 1-15, 18-20, 22, and 23 are now pending.
5. The applicant's arguments with respect to claims 1-15 and 18-20 have been considered but are moot in view of the following new grounds of rejection.

Response to Amendment

6. Claims have been amended to show a determination at the entry of each character of whether the character is a period. The amendment proves a change in scope to the independent claims as the independent claims now explicitly state that there is a determination, prior to receiving another character of text, whether the one character of text comprises a period. However, none of the amended claims show a patentable distinction over the prior art as evidenced by the following new grounds of rejection.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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8. Claims 1-15, 18-20, 22, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dickelman (U.S. Patent Number 6,529,187) in view of Will (U.S. Patent Number 6,392,640), further in view of Nowlan et al. (U.S. Patent Number 6,204,848), hereinafter referred to as Nowlan.

9. Dickelman disclosed a system for navigating the Internet from a keypad equipped wireless phone. In an analogous art, Will disclosed an interface for keypad entry on a handheld wireless web access device such as a mobile phone. Also in an analogous art, Nowlan disclosed a data entry apparatus for a mobile device which has a keypad with a limited number of characters.

10. Concerning claims 1 and 15, Dickelman did not explicitly state detailed use of a selection list for displaying various entries. Although Dickelman does display the current entry on the screen he is not specific about a selection list. However, Will's user interface clearly shows a separate column for a selection list. It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to modify the system of Dickelman by adding the ability to display addresses as entries in a selection list as provided by Will. Here the combination satisfies the need for greater ease in connecting a mobile phone to the Internet. See Dickelman, column 3, lines 6-9. This rationale also applies to those dependent claims utilizing the same combination.

11. Concerning claims 5 and 15, Dickelman did not explicitly state searching a history folder to find matches to the entered characters. However, Will does explicitly disclose this function as his system allows for a memory quick search with real time display. It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to modify the system of

Dickelman by adding the ability to search a history folder to find matches to the entered characters as provided by Will. Again the combination satisfies the need for greater ease in connecting a mobile phone to the Internet. See Dickelman, column 3, lines 6-9.

12. Further concerning claims 1 and 15, the combination of Dickelman and Will did not explicitly state determining, prior to receiving another character of text, whether the one character of text comprises a period. However, Nowlan does explicitly disclose this feature as his system performs update list processing on screen after the entry of each character using the keypad. This processing includes checking for a period or other punctuation. It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to modify the combination of Dickelman and Will by adding the ability to determine, prior to receiving another character of text, whether the one character of text comprises a period as provided by Nowlan. Here the combination satisfies the need for greater ease in connecting a mobile phone to the Internet. See Dickelman, column 3, lines 6-9.

13. Further concerning claim 15, the combination of Dickelman, Will, and Nowlan did not explicitly state not adding a prefix and suffix and not displaying a combined address. Although, the combination is not specific in this regard, Nowlan does present a determination of whether or not a period exists in the character string and then certain processing based on the determination. Furthermore, it was well known in the art (and is shown in Dickelman) that periods are used as delimiters in a domain name on the world wide web. Thus, it would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to not add a prefix and suffix and not display the combined address. It would be a clear extension from the combination of Dickelman, Will, and Nowlan that if a period exists in the string, there would be no need to add a

prefix or suffix because they would already exist in the string. Further it would be clear to one of ordinary skill not to display the combined address since the combination does disclose displaying the combined address when a period is not present in the string and the prefix and suffix are first added.

14. Thereby, the combination of Dickelman, Will, and Nowlan discloses:

- <Claim 1>

A computer-implemented method for entering an address into a web browser of a mobile device, comprising the steps of: receiving one character of text (Dickelman, column 4, lines 26-47); determining, prior to receiving another character of text, whether the one character of text comprises a period (Nowlan, column 10, lines 31-32 and column 12, lines 38-54); and if not, then displaying a list in the web browser with a list item wherein the list item comprises the one character of text with an automatic prefix added before the one character of text and an automatic suffix added after the one character of text (Dickelman, column 4, lines 45-47 and Will, column 6, lines 26-29).

- <Claim 2>

The method of claim 1 wherein the automatic prefix is “www.” (Dickelman, column 4, lines 45-47).

- <Claim 3>

The method of claim 2 wherein the automatic suffix is “.com” (Dickelman, column 4, lines 45-47).

- <Claim 4>

The method of claim 1 wherein the mobile device is a wireless telephone (Dickelman, column 3, lines 13-16).

- <Claim 5>

The method of claim 1 further comprising the steps of: determining whether the one character of text matches any previous addresses entered into the web browser (Will, column 6, lines 54-58 and column 7, lines 11-13); and if so, then displaying the possible matches as list items in the list (Will, column 6, lines 26-29).

- <Claim 6>

The method of claim 5 wherein the step of determining whether the one character of text matches any previous addresses entered into the web browser comprises searching the addresses of any previously viewed URLs in the browser's history, cache, or recently entered addresses for potential matches (Will, column 6, lines 54-58 and column 13, lines 54-67).

- <Claim 7>

The method of claim 5 further comprising the steps of: determining whether the user is ready to navigate to the URL defined by the one character of text (Dickelman, column 4, lines 55-64); and if so, then navigating the web browser to display a page defined by the one character of text (Dickelman, column 4, lines 55-64).

- <Claim 8>

The method of claim 7 wherein the one character of text is displayed in an address field (Dickelman, column 4, lines 45-54).

- <Claim 9>

The method of claim 7 further comprising the steps of: determining whether one of the list items in the list has been selected by the user (Will, column 7, lines 2-3); and if so, then navigating the web browser to display a page located at an address defined by the selected list item (Dickelman, column 4, lines 55-64).

- <Claim 10>

The method of claim 9 further comprising the steps of: if one of the list items in the list has not been selected by the user, then receiving another character of text (Will, column 7, lines 17-20).

- <Claim 11>

The method of claim 1 wherein the one character of text is received in response to a user selecting keys on a keypad of a wireless telephone (Dickelman, column 3, lines 13-16 and column 4, lines 26-47).

- <Claim 12>

The method of claim 1 wherein the automatic prefix and the automatic suffix may be modified to a desired prefix and a desired suffix (Dickelman, column 5, lines 62-65).

- <Claim 13>

The method of claim 12 wherein the automatic prefix and automatic suffix are modified by receiving input from a user requesting that the automatic prefix be set to a first string and that the automatic suffix be set to a second string (Dickelman, column 5, lines 62-65).

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- <Claim 14>

The method of claim 13 wherein the automatic prefix and the automatic suffix are stored in a registry (Dickelman, column 4, lines 45-47).

- <Claim 15>

A computer-implemented method for text entry in an electronic device, the method comprising: receiving one character of text (Dickelman, column 4, lines 26-47); and determining, prior to receiving another character of text, whether the one character of text comprises a period (Nowlan, column 10, lines 31-32 and column 12, lines 38-54) and, if not, then adding a prefix and a suffix to the one character of text to form a combined address (Dickelman, column 4, lines 45-47) and displaying the combined address as an entry in a selection list (Will, column 6, lines 26-29); if the one character of text comprises a period, then not adding a prefix and a suffix to the one character of text to form a combined address and not displaying the combined address as an entry in the selection list (Nowlan, column 10, lines 31-35 and obviousness); searching a history folder in the electronic device to find at least one address with the one character of text (Will, column 6, lines 54-58 and column 7, lines 11-13); and displaying the at least one address in the selection list (Will, column 6, lines 26-29).

- <Claim 18>

The method of claim 15 wherein the selection list is a selection list in a web browser program module and the combined address and the plurality of addresses comprise URLs for Internet addresses (Dickelman, column 4, lines 55-64 and Will, column 6, lines 26-29).

- <Claim 19>

The method of claim 18 further comprising the steps of: receiving an input selecting the one character of text and navigating the web browser program module to view a web page located at an address defined by the one character of text (Dickelman, column 4, lines 55-64).

- <Claim 20>

The method of claim 18 further comprising the steps of: receiving an input selecting the combined address and navigating the web browser program module to view a web page located at the combined address (Dickelman, column 4, lines 55-64).

- <Claim 22>

The method of claim 1 further comprising: receiving another character of text (Dickelman, column 4, lines 26-47); determining, prior to receiving yet another character of text, whether the another character of text comprises a period (Nowlan, column 10, lines 31-32 and column 12, lines 38-54); and if not, then displaying a list in the web browser with a list item wherein the list item comprises the one character of text and the another character of text with an automatic prefix added before the one character of text and the another character of text one character of text and an automatic suffix added after the one character of text and the another character of text one character of text (Dickelman, column 4, lines 45-47 and Will, column 6, lines 26-29).

- <Claim 23>

The method of claim 15 further comprising: receiving another character of text (Dickelman, column 4, lines 26-47); and determining, prior to receiving yet another

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character of text, whether the another character of text comprises a period (Nowlan, column 10, lines 31-32 and column 12, lines 38-54) and, if not, then adding a prefix and a suffix to the one character of text and the another character of text to form a combined address (Dickelman, column 4, lines 45-47) and displaying the combined address as an entry in a selection list (Will, column 6, lines 26-29); if the another character of text comprises a period, then not adding a prefix and a suffix to the one character of text and the another character of text to form a combined address and not displaying the combined address as an entry in the selection list (Nowlan, column 10, lines 31-35 and obviousness); searching a history folder in the electronic device to find at least one address with the one character of text and the another character of text (Will, column 6, lines 54-58 and column 7, lines 11-13); displaying the at least one address in the selection list (Will, column 6, lines 26-29); and receiving an input selecting the at least one address and navigating a web browser program module to view a web page located at the at least one address (Dickelman, column 4, lines 55-64).

Since the combination of Dickelman, Will, and Nowlan discloses all of the above limitations, claims 1-15, 18-20, 22, and 23 are rejected.

Conclusion

15. The applicant's amendment necessitated the new grounds of rejection presented in this office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). The applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

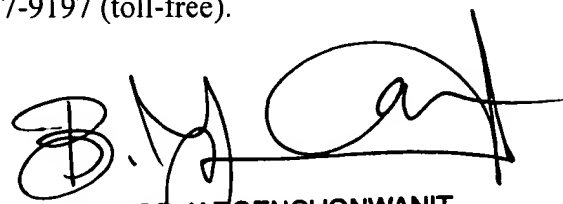
16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987. The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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